



Status Update on Transit in Scarborough



April, 2009



Transit in Scarborough

1. Improvements to Bus Services:
 - frequency of service, capacity
 - hours of service → network
2. Improvements to Accessibility
3. Improvements to Bike-and-Ride
4. Victoria Park Subway Station Modernization
5. Transit City Light Rail Plan:
 - Scarborough RT
 - Light Rail Lines in Scarborough
 - New Light Rail Vehicles
6. Kingston Road Bus Rapid Transit



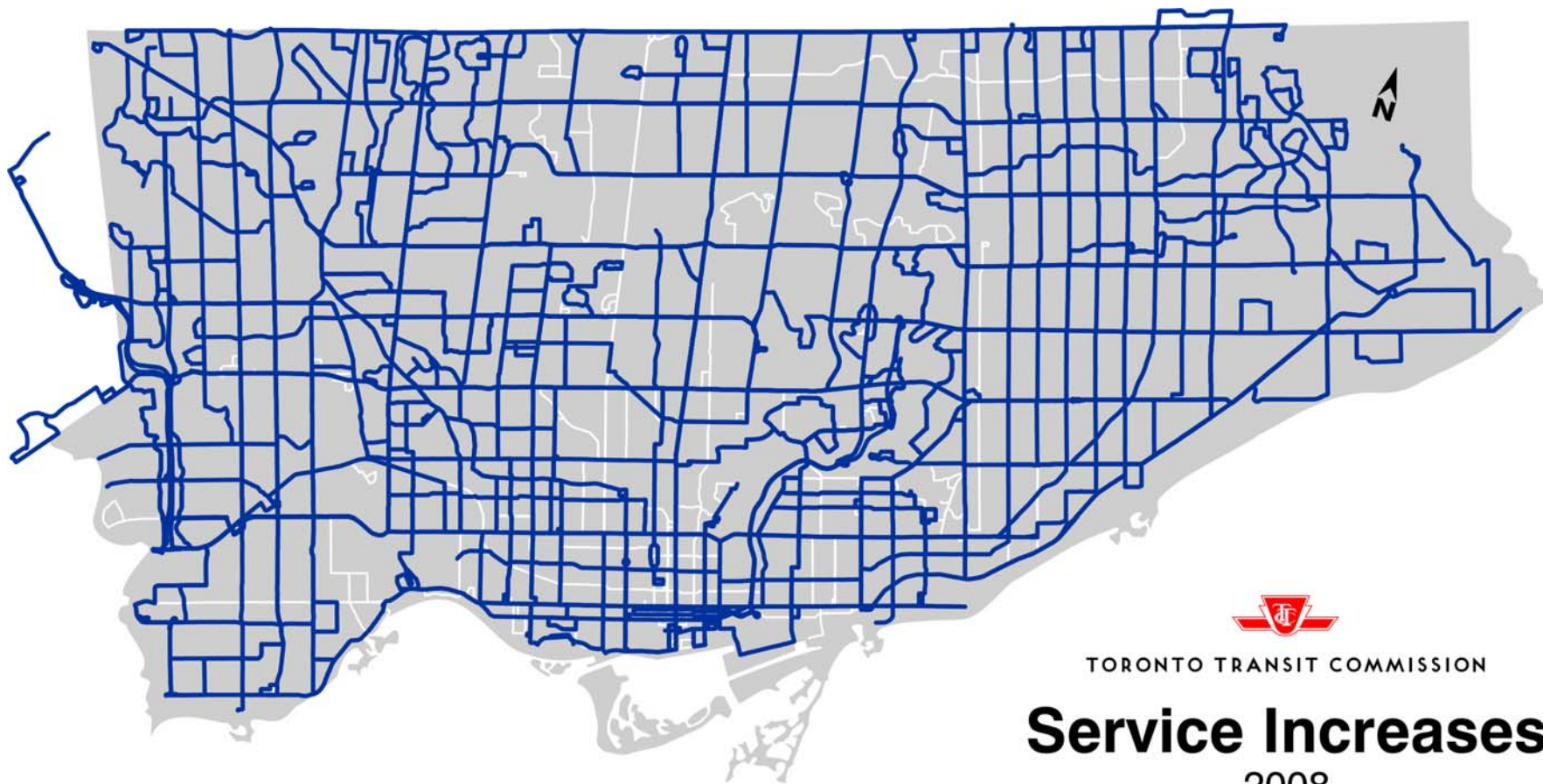
Ridership Growth Strategy

- improve off-peak crowding, frequency
- 10% increase in peak service
- restore, improve all off-peak services
- fare incentives (freeze Metropass, transferable)
- rights-of-way for busy routes



Service Increases in Scarborough

- 9 Bellamy
- 17 Birchmount
- 300 Bloor-Danforth
- 21 Brimley
- 20 Cliffside
- 113 Danforth
- 302 Danforth-McCowan
- 23 Dawes
- 34 Eglinton East
- 39 Finch East
- 38 Highland Creek
- 169 Huntingwood
- 43 Kennedy
- 12 Kingston Rd
- 54 Lawrence East
- 102 Markham Rd
- 16 McCowan
- 129 McCowan
- 57 Midland
- 132 Milner
- 116 Morningside
- 133 Neilson
- 131 Nugget
- 70 O'Connor
- 134 Progress
- 86 Scarborough
- 190 Scarborough Rocket
- 85 Sheppard East
- 53 Steeles East
- 24 Victoria Park
- 224 Victoria Park North
- 68 Warden
- 95 York Mills



TORONTO TRANSIT COMMISSION

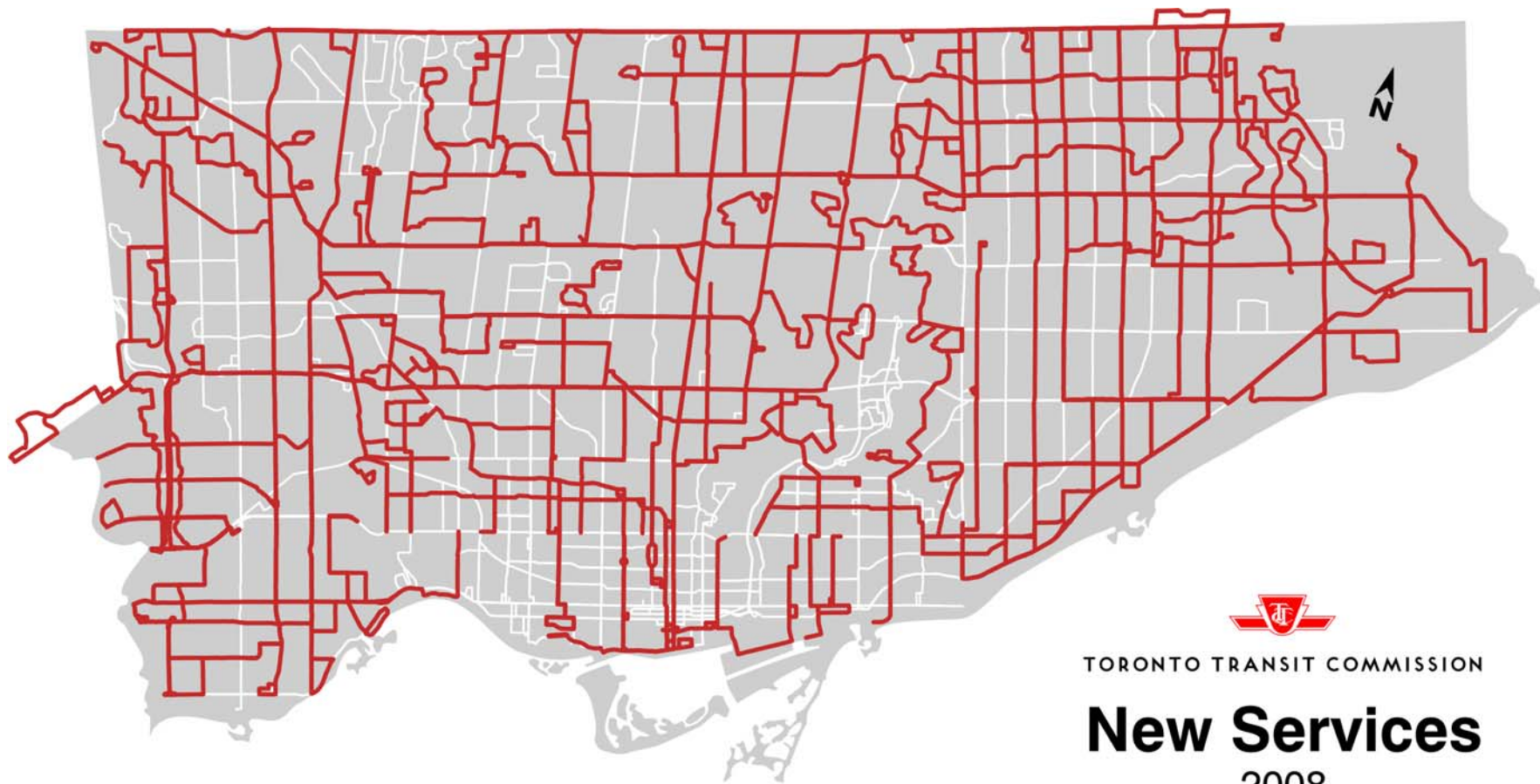
Service Increases

2008



New Periods of Service in Scarborough

- 9 Bellamy
- 17 Birchmount
- 21 Brimley
- 42 Cummer
- 23 Dawes
- 135 Gerrard
- 38 Highland Creek
- 169 Huntingwood
- 43 Kennedy
- 12 Kingston Rd
- 54 Lawrence East
- 102 Markham Rd
- 130 Middlefield
- 132 Milner
- 116 Morningside
- 133 Neilson
- 167 Pharmacy North
- 134 Progress
- 190 Scarborough Rocket
- 85 Sheppard East
- 53 Steeles East
- 69 Warden South



TORONTO TRANSIT COMMISSION

New Services

2008





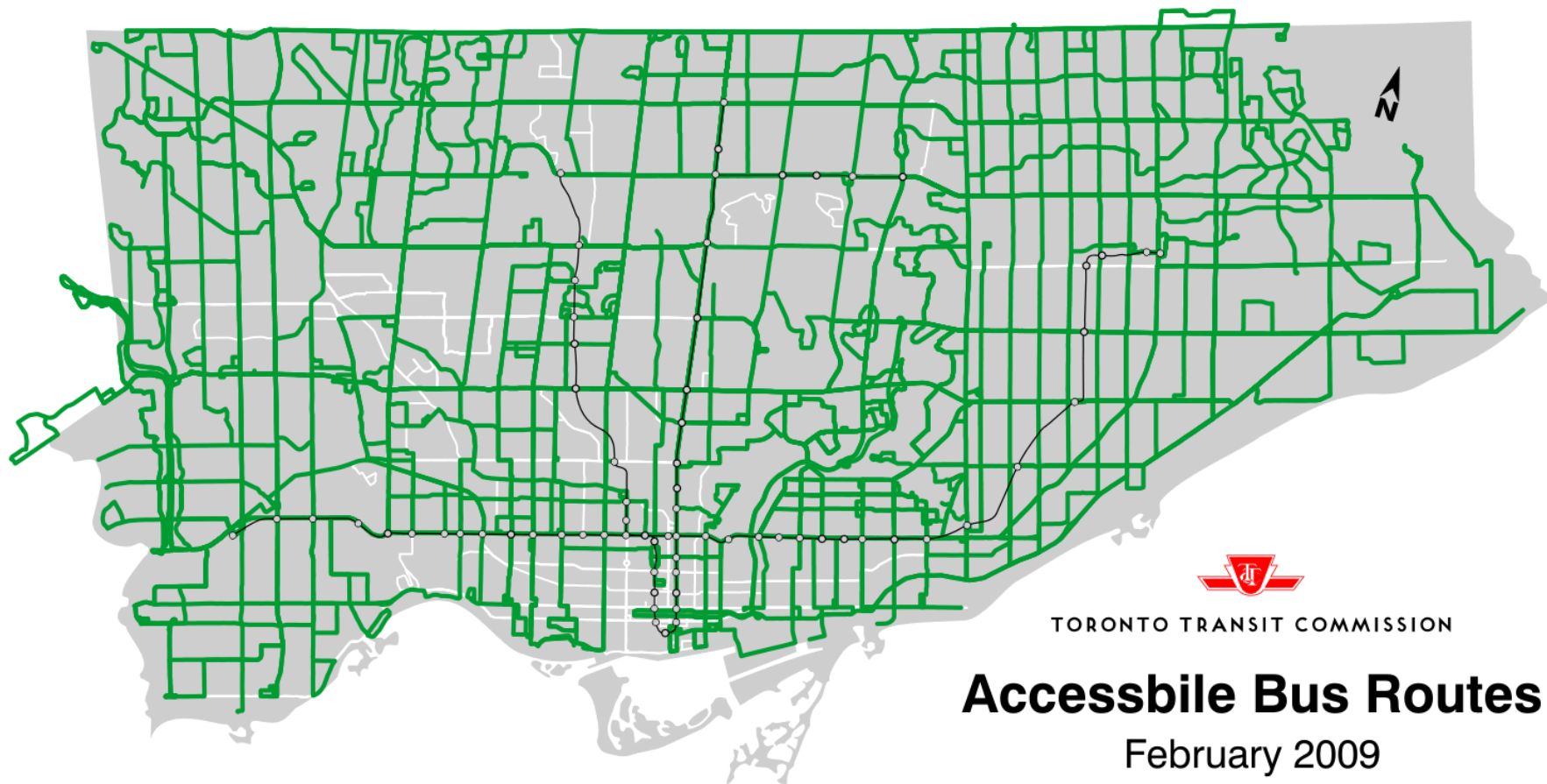






Accessible Bus Routes in Scarborough

- 9 Bellamy
- 12 Kingston Road
- 16 McCowan
- 17 Birchmount
- 20 Cliffside
- 21 Brimley
- 24 Victoria Park
- 34 Eglinton East
- 38 Highland Creek
- 39 Finch East
- 42 Cummer
- 43 Kennedy
- 53 Steeles East
- 54 Lawrence East
- 57 Midland
- 67 Pharmacy
- 68 Warden
- 69 Warden South
- 70 O'Connor
- 85 Sheppard East
- 86 Scarborough
- 102 Markham
- 113 Danforth
- 116 Morningside
- 129 McCowan North
- 130 Middlefield
- 131 Nugget
- 132 Milner
- 133 Neilson
- 134 Progress
- 135 Gerrard
- 167 Pharmacy North
- 169 Huntingwood
- 190 Scarborough City Rocket
- 224 Victoria Park North



TORONTO TRANSIT COMMISSION

Accessible Bus Routes

February 2009

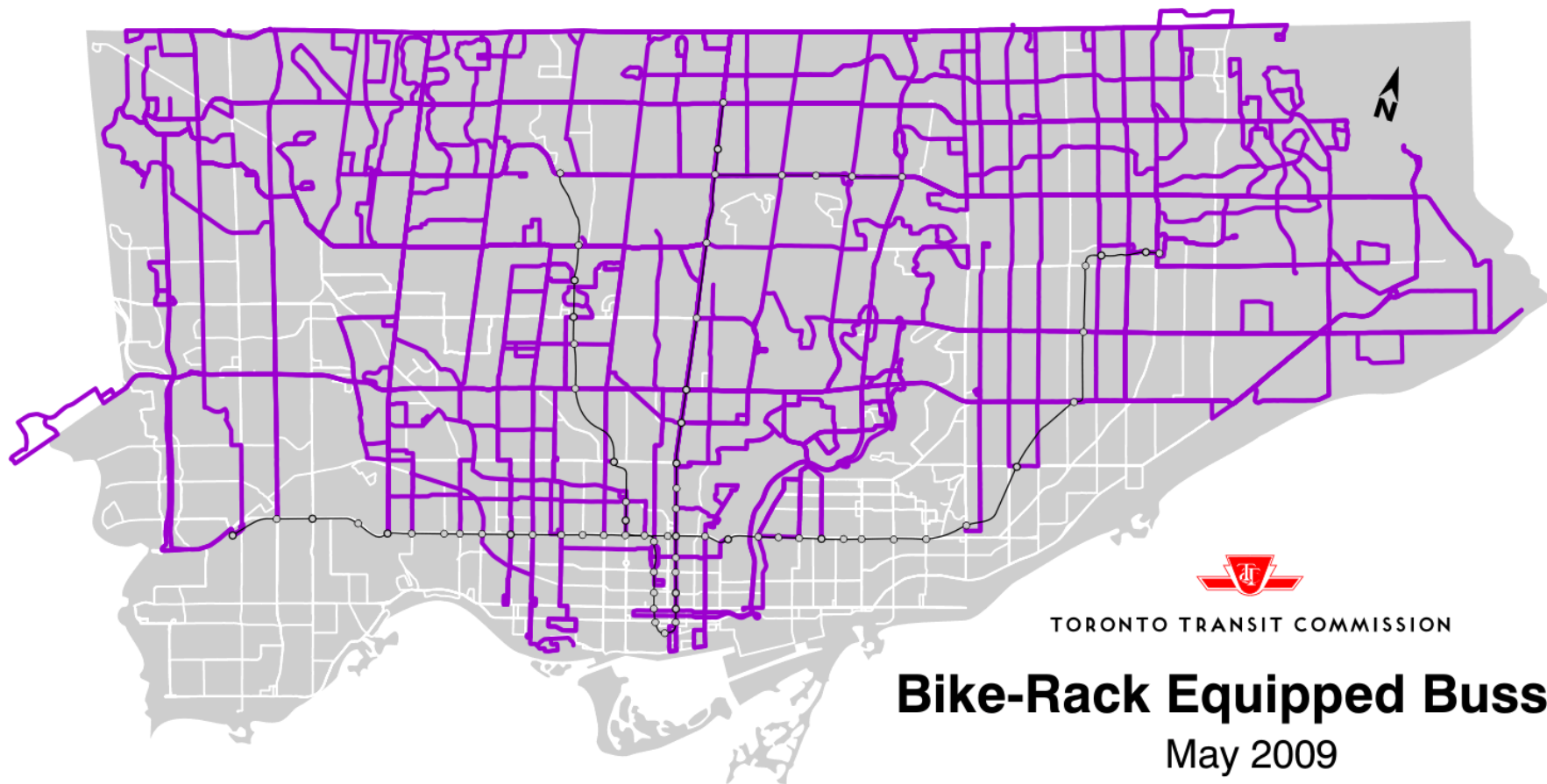






Bike Rack-Equipped Bus Routes

- 17 Birchmount
- 21 Brimley
- 34 Eglinton East
- 38 Highland Creek
- 39 Finch East
- 42 Cummer
- 53 Steeles East
- 54 Lawrence East
- 57 Midland
- 67 Pharmacy
- 68 Warden
- 85 Sheppard East
- 86 Scarborough
- 116 Morningside
- 129 McCowan North
- 130 Middlefield
- 131 Nugget
- 132 Milner
- 133 Neilson
- 134 Progress
- 167 Pharmacy North
- 169 Huntingwood
- 190 Scarborough Centre Rocket
- 224 Victoria Park North



TORONTO TRANSIT COMMISSION

Bike-Rack Equipped Busses

May 2009



Victoria Park Station Rehabilitation & Modernization

- barrier-free design, elevators
- new 6-bay bus terminal
- improve navigation, wayfinding
- upgrade, modernize indoor, outdoor public spaces
- public art, improved interior, exterior finishes
- green roof
- improve maintainability









Toronto Transit City



Light Rail Plan



Toronto Transit City Light Rail Plan

- network of electric light rail lines
- fast, reliable travel throughout Toronto
- accessible – people with differing mobility
- new rapid transit to areas currently without
- full integration: - existing, expanded rapid transit
- more, better travel opportunities







Toronto Transit City Light Rail Plan

- Light Rail Technology:
 - cheaper than subways
 - premium quality – quiet, smooth, fast, comfortable
 - environmentally-friendly: 92% less CO₂ than cars
 - no local-area emissions
 - ample capacity for projected demand, beyond
 - increase land values → private investment





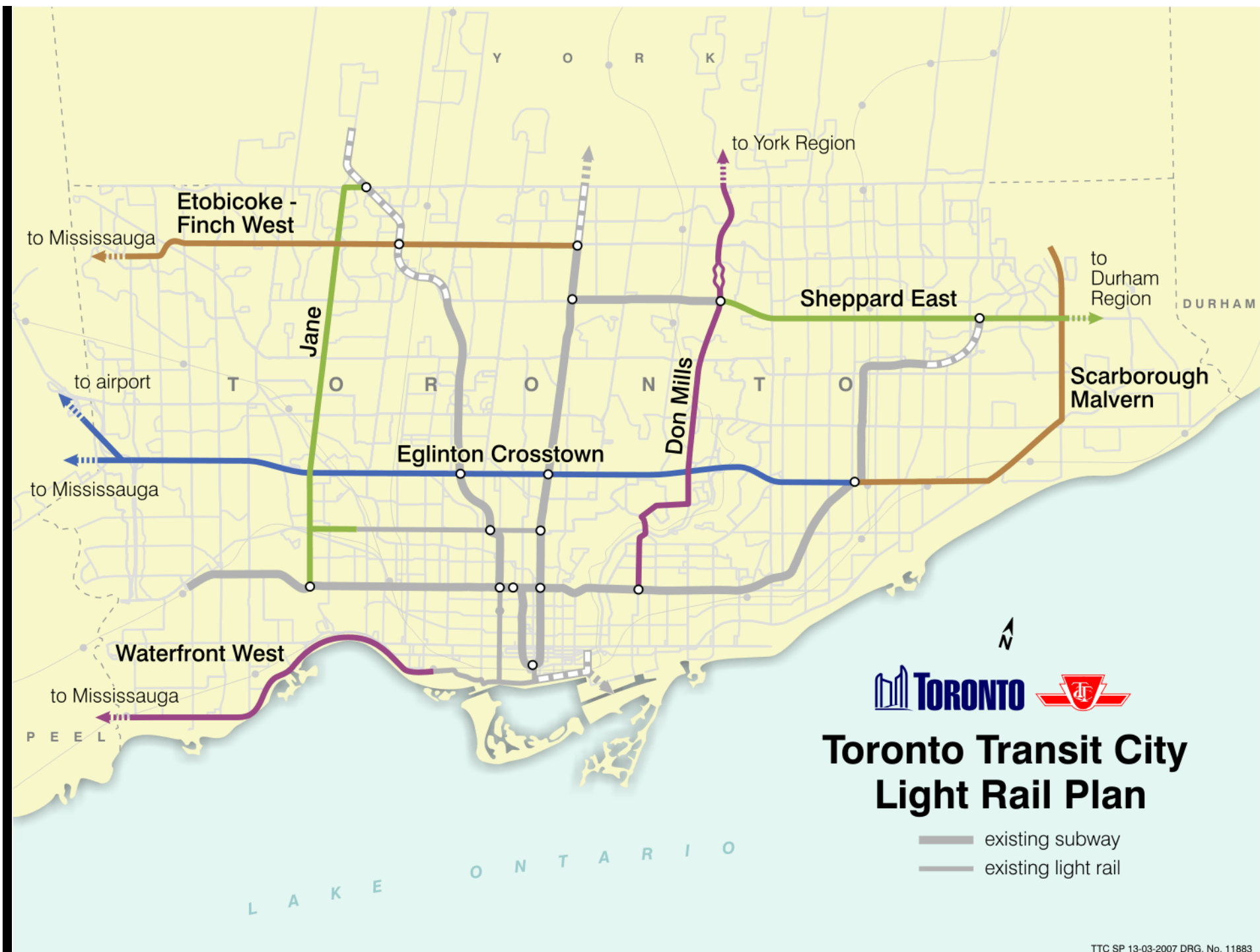
Toronto Transit City Light Rail Plan

- 120+ kilometres:
 - fast, reliable, dedicated light-rail lines
- rapid transit → areas now without
- connect all parts of Toronto
- 2021: network ridership ~ 175 million/year
- contribute to attracting ~ 67 million new/year















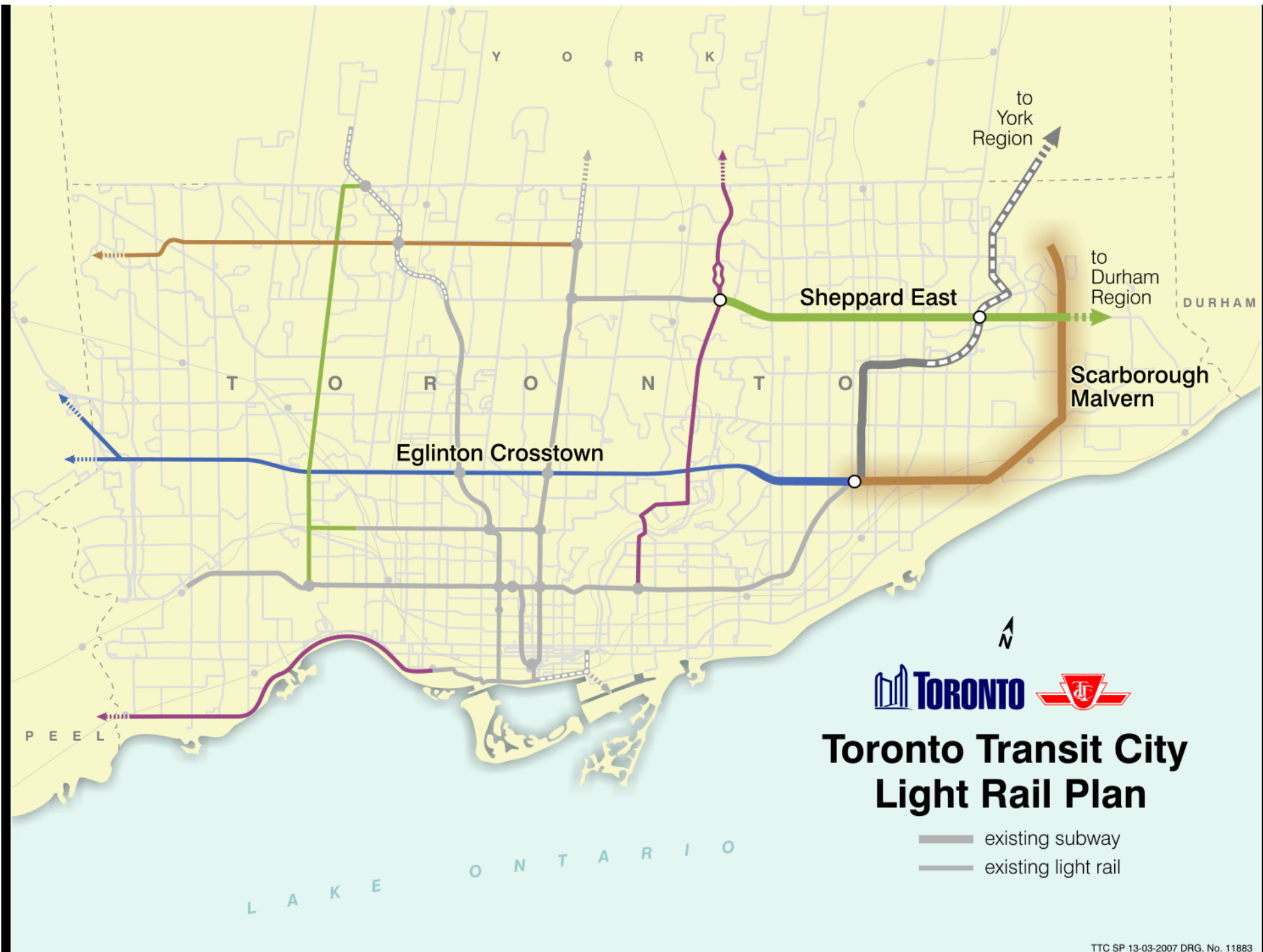






Toronto Transit City Light Rail Plan

- existing subway
- existing light rail

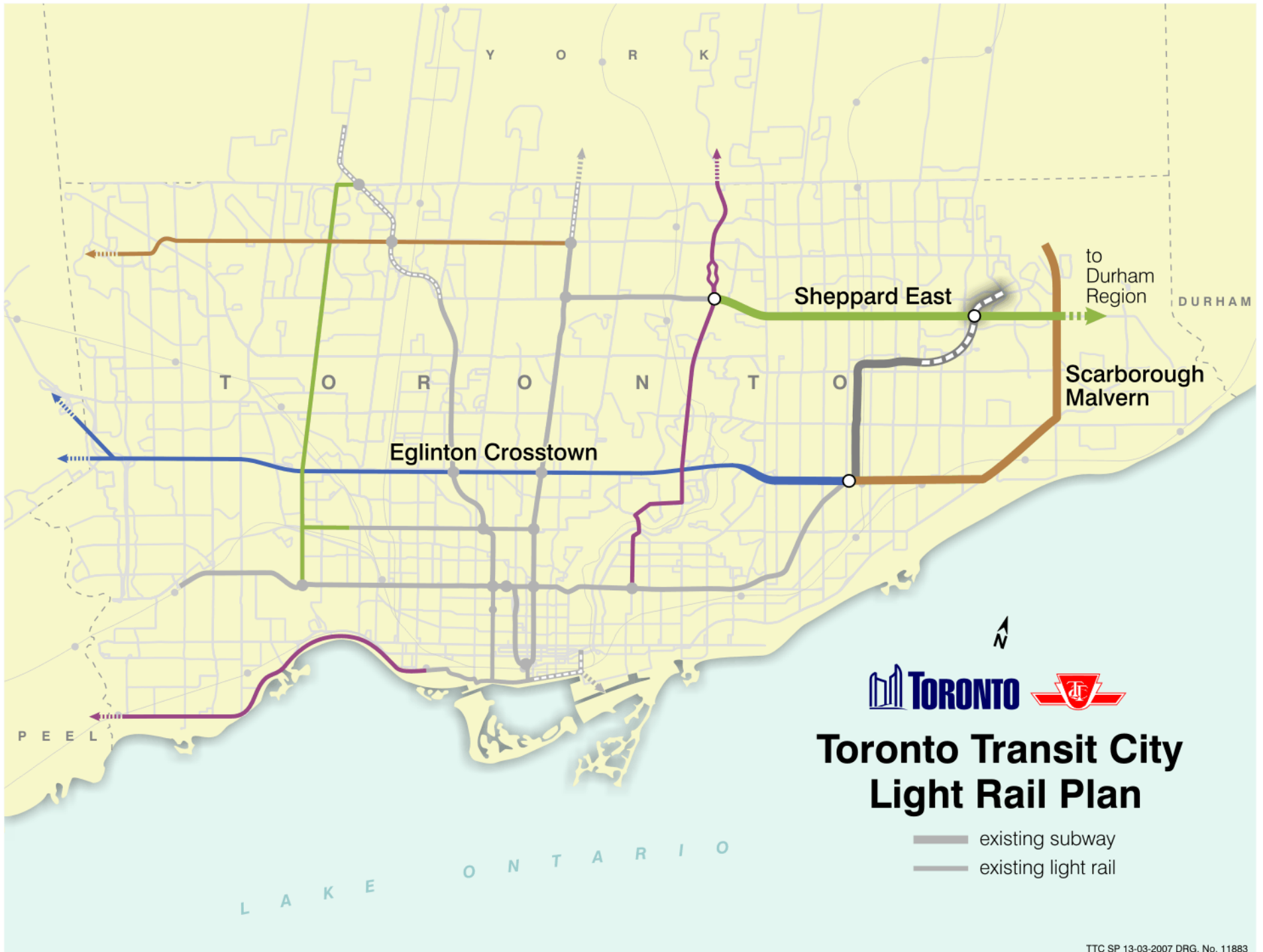












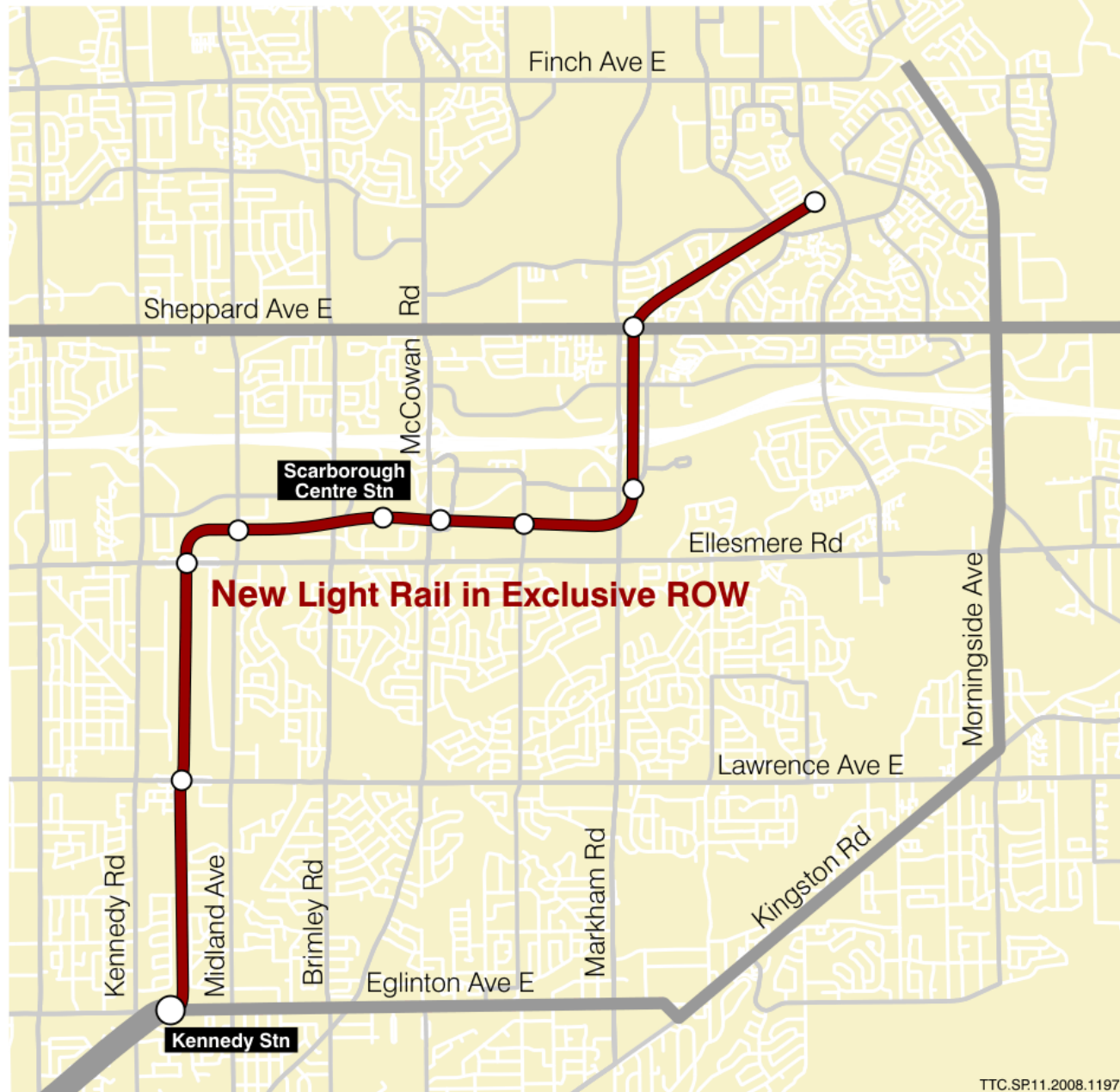
Existing Scarborough RT



Scarborough RT Extended to Malvern Town Centre

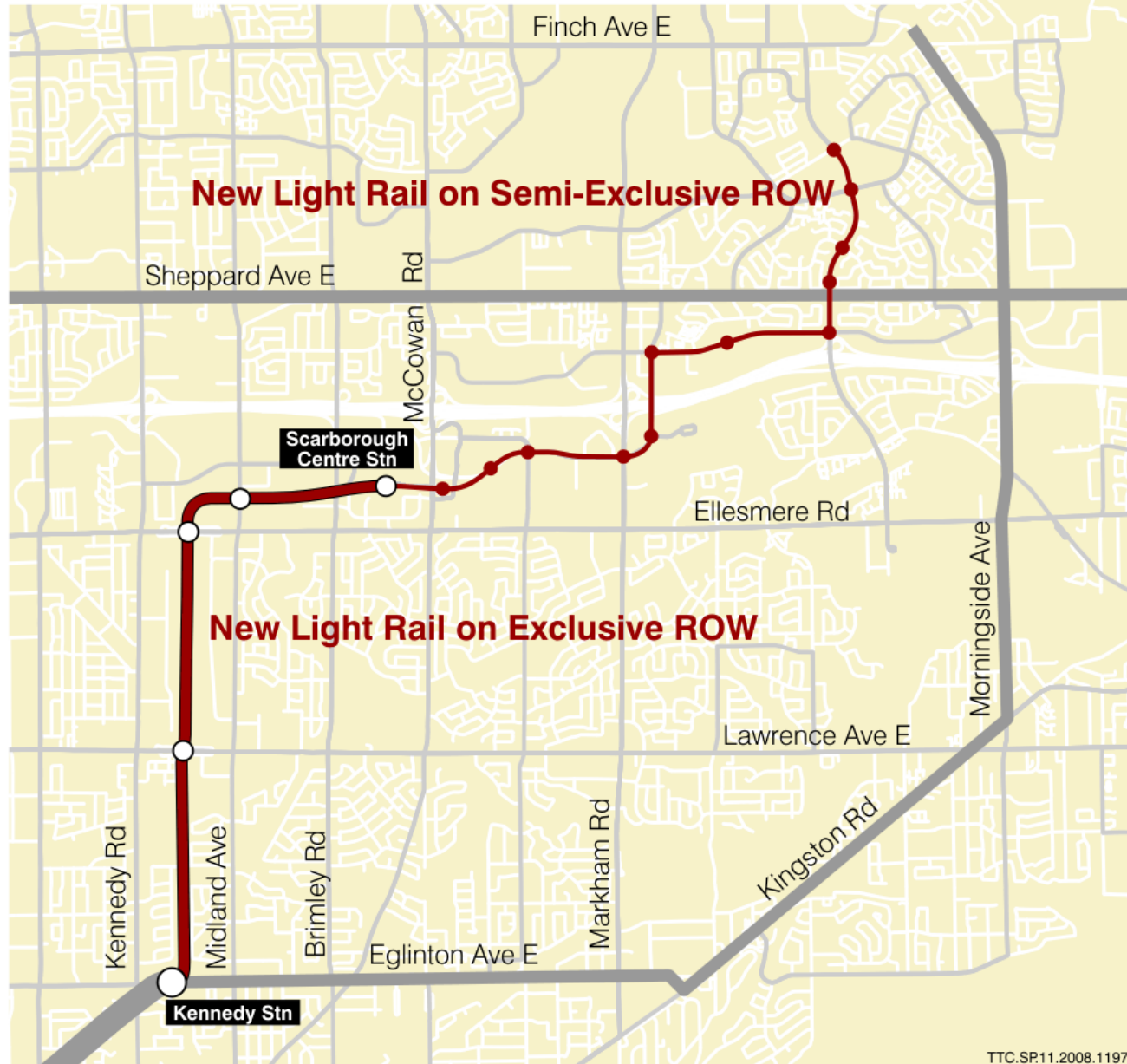


New Light Rail in Exclusive Right of Way from Kennedy Stn to Malvern Town Centre



New Light Rail to Malvern Town Centre

- Exclusive right-of-way from Kennedy to Scarborough City Centre Stn
- Semi-exclusive right-of-way to Malvern Town Centre



New Light Rail in Exclusive Right of Way from Kennedy Stn to Malvern Town Centre



Planning / Design Considerations

Vehicle Technology



Or





New-generation, larger RT cars



New-generation, larger RT cars







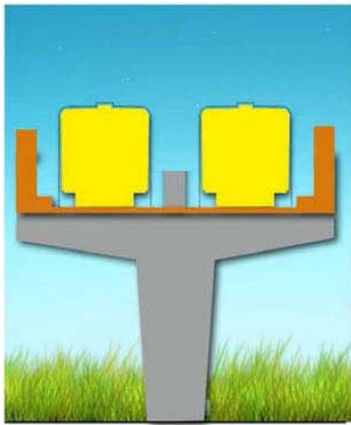


(c) 2002 Herman R. Silbiger

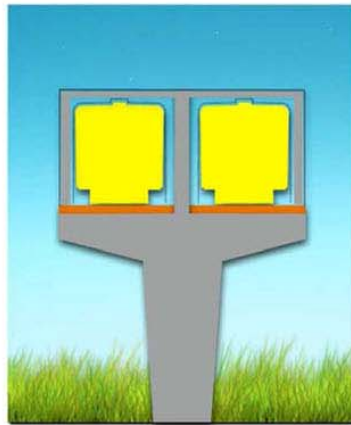
Portland MAX 111

1993-08-03

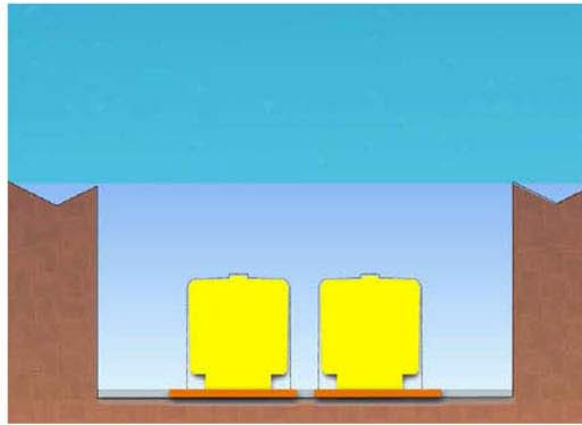
Possible Alternatives Through Corridor



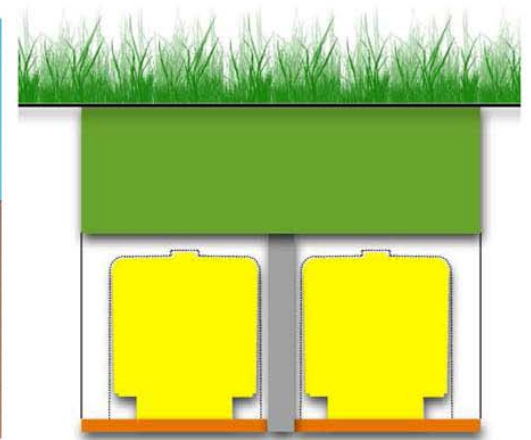
Above Grade



Above Grade
Boxed



Open Cut



Below Grade



Scarborough RT – Benefits Case Analysis

- all options have strong benefit: cost ratio $\gg$ 1.0
- conclusion: project should proceed
- Metrolinx concept: join together Scarborough RT and (grade-separated) Eglinton L/RT
- higher-speed, more-reliable
- attract more passengers
- high cost of grade-separated Eglinton line
- still under discussion



Scarborough RT - EA, Funding Status

- EA nearing completion
- public meetings soon to present preferred design
- Province announced \$1.7 billion for project, vehicles
- discussions with Metrolinx, Infrastructure Ontario regarding alternate financing and procurement methods



Toronto Transit City Light Rail Plan

- existing subway
- existing light rail